VESTEL WHITE GOODS
CONSUMER SERVICE

VESTEL REFRIGERATOR SERVICE MANUAL

VESTELMODEL :	MODEL :		CODE :
RN 455V	BDP 444	(VESTEL FRANCE / BLUESKY)	10015011

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MAIN SPECIFICATIONS

	BDP 444
CLIMATE	N (NORMAL)
DOOR COLOUR	WHITE
DOOR	2 SIDE AVAILABLE
DOOR INSULATION	CYCLOPENTAN
INSULATION	CYCLOPENTAN
STATIONARY FOOT	2
REFRIGERATOR GASKET	WHITE
FREEZER GASKET	WHITE

ELECTRICAL SPECIFICATIONS

	BDP 444
VOLTAGE/FREQUENCY	220V -240V / 50Hz
POWER OUTPUT	270 W
LAMP TYPE	E14
POWER CONSUMPTION	1.24 kWh / 24h
CURRENT	2.5 A
REFRIGERANT	R 134a
REFRIGERANT CHARGE	175 gr
ENERGY CLASS	B

COMPRESSOR

	BDP 444
COMPRESSOR TYPE	NLE9F

RELAY

	BDP 444
RELAY TYPE	103N0018
THERMIC TYPE	-

TEMPERATURE CONTROL & DEFROST

	BDP 444
FREEZING CAPACITY	5.0 kg / 24 h
THERMOSTAT TYPE	DNFS077B6575
DRYER	10 gr.
CAPILLARY LENGTH	3500 mm
DEFROST TYPE	Semi Automatic

TEMPERATURE CONTROL MAXIMUM

	BDP 444
ON	+ 3.5 C
OFF	- 29 C

TEMPERATURE CONTROL MAXIMUM

	BDP 444
ON	+ 3.5 C
OFF	- 16.7 C

DIMENSIONS

	BDP 444
REFRIGERANT CAPACITY GROSS (l)	348
FREEZER CAPACITY GROSS (l)	101
WEIGHT (kg)	69.2
HEIGHT (mm)	1818
DEPTH (mm)	600
WIDTH (mm)	700

PACKAGED DIMENSIONS

	BDP 444
WEIGHT (kg)	77.3
HEIGHT (mm)	1891
DEPTH (mm)	702
WIDTH (mm)	769

FREEZER ACCESSORY

	BDP 444
ICE SCRAPER	1
ICE TRAY	2
SHELF	1

REFRIGERANT ACCESSORY

	BDP 444
CRISPER	2
CRISPER COVER	1
SHELF	4
TUNNEL DRAIN PLUG	1

DOOR ACCESSORY

	BDP 444
SHELF	7
SHELF SECTION	9
EGG HOLDER	1

A- Changing The Doorway Direction to Right Hand

1- Unscrew the two screws which are fixing the middle hinge and one screw where located near the middle hinge. (FIG-1)

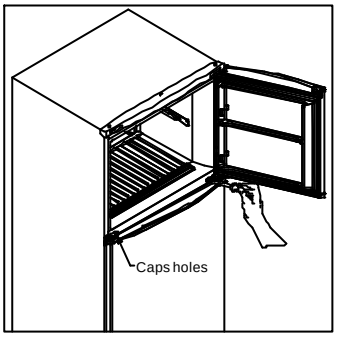


Figure - 1

2- Dismantle the refrigerator and freezer door from cabinet by pulling towards to you together with the middle hinge. (FIG-2)

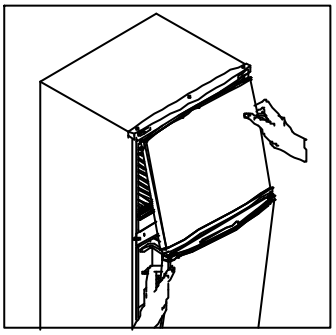


Figure - 2

3- Take off the kick plate by pulling forward.Unscrew the bottom hinge fixing screws and remove it.Unscrew the pin of hinge and screw again changing the direction.(See Detail A)Then assemble the hinge to bottom left side of refrigerator. (FIG-3)

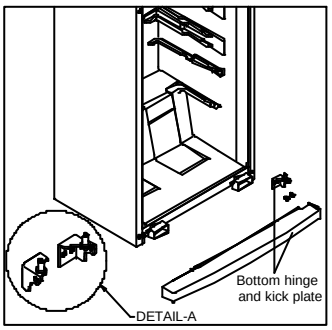


Figure - 3

A- Changing The Doorway Direction to Right Hand

4- Remove the head panel hinge cover and dismantle the upper hinge then unscrew the pin of hinge and screw again changing the direction and then unscrew the three screws which are fixing the head panel. (FIG-4)

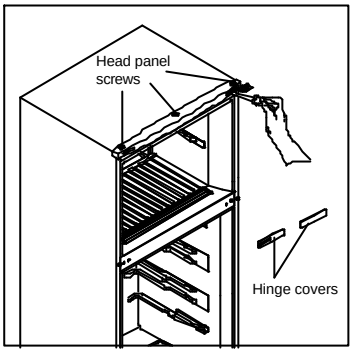


Figure - 4

5- Assemble the upper hinge to the left side and assemble the head panel and take out the caps and reassemble them by changing their places. (FIG-5)

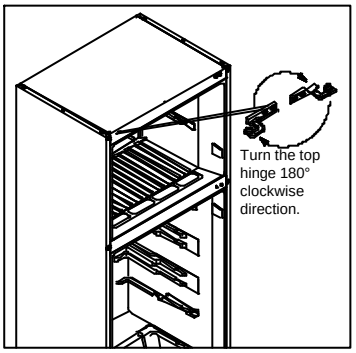


Figure - 5

6- Take out the bushing and bushing caps and reassemble they by changing their places. (FIG-6)

Take out bush and stopper and reassemble them changing their places. (FIG-6)

Figure - 6

A- Changing The Doorway Direction to Right Hand

7- Take out the bushing and bushing caps and reassemble they by changing their places. (FIG-7)
Take out the bush and reassemble it by changing it places and remove the right stopper and reassemble it to the left side by using left stopper. (FIG-7)

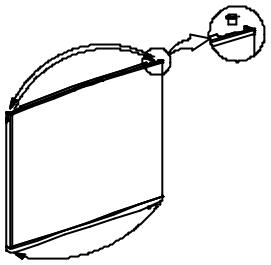


Figure - 7

8- Assemble the freezer door and refrigerant door together with middle hinge and fix the middle hinge by tighting the screws finally,by using a knife cut left side of the kick plate and assemble it. (FIG-8)

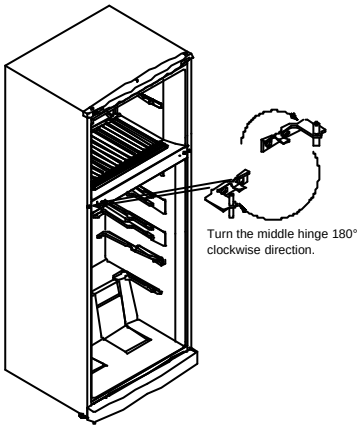


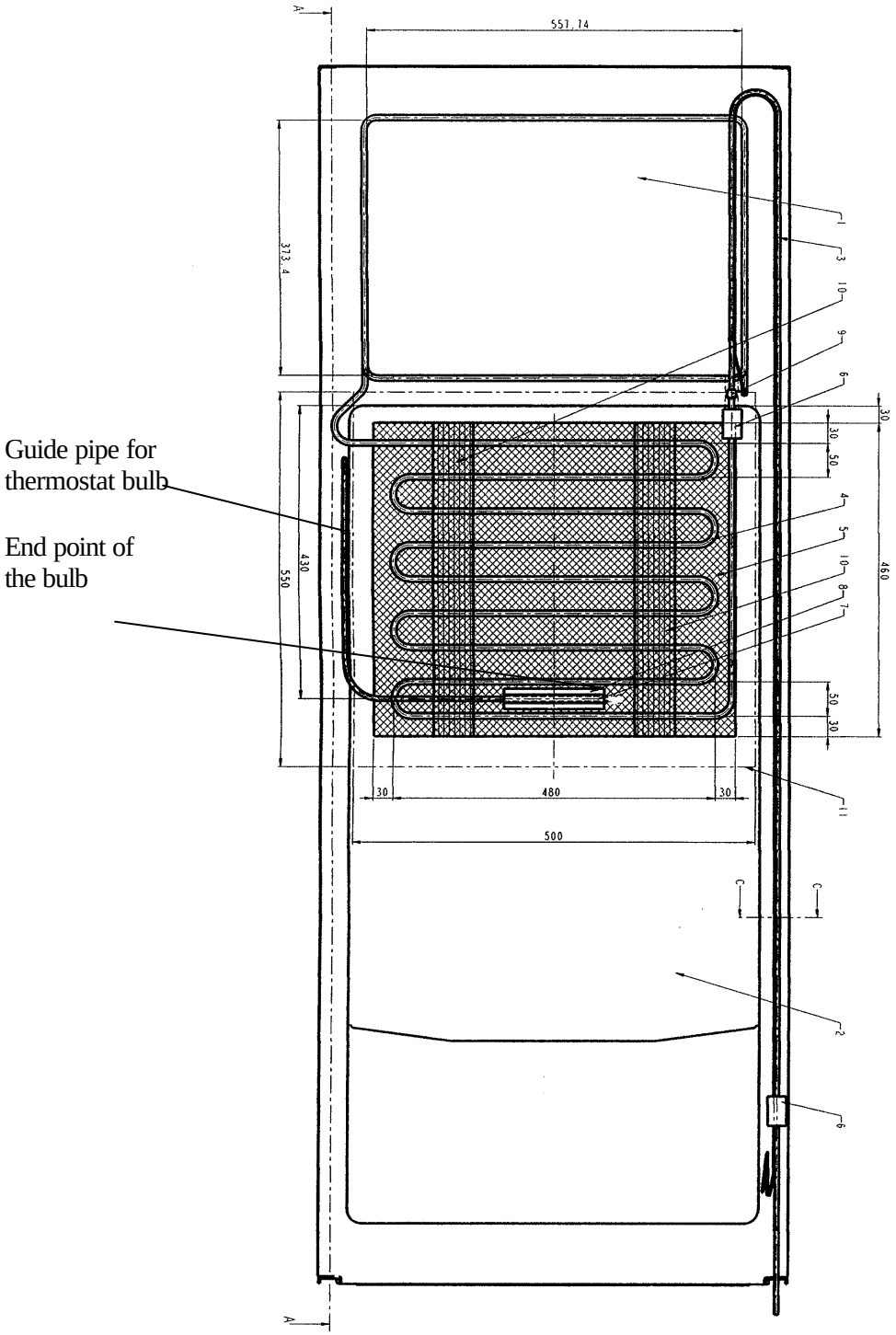
Figure - 8

Changing The Thermostat :

1) Take off the lamp cover and unscrew the fixing screw.
2) Take off the thermostat box by pulling and take off the wire connector.
3) Pull out the thermostat bulb from the cabinet.
4) Take off the thermostat knob pulling forward. Loosen the nut fixing the thermostat.
5) Replace the thermostat and assemble the thermostat box following the steps backwards.

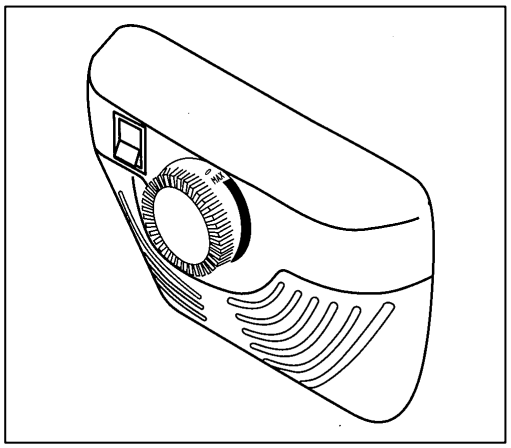
You can see the place of the bulb in the next two pages.

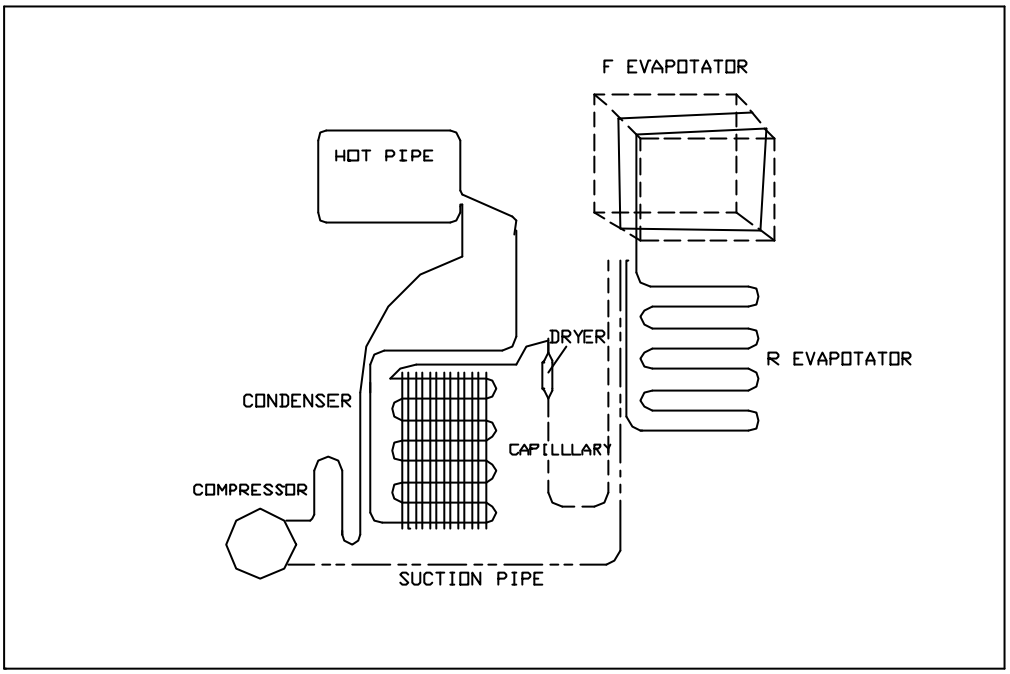
BDP 444 thermostat bulb location

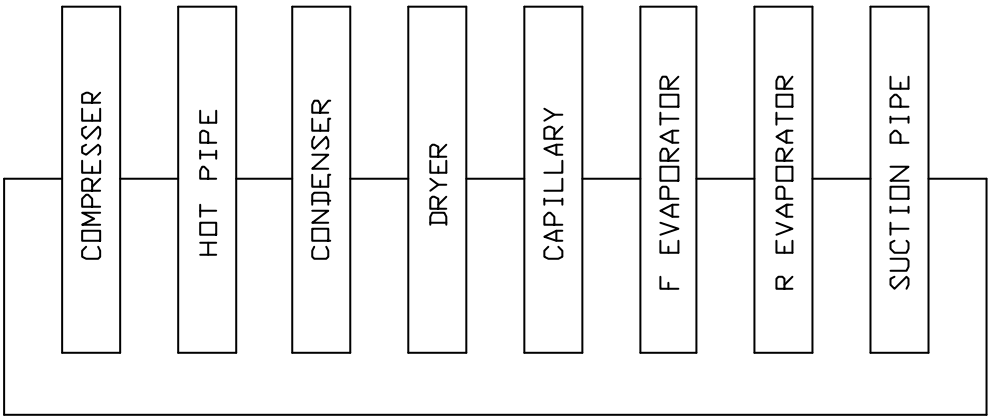


Thermostat Knob

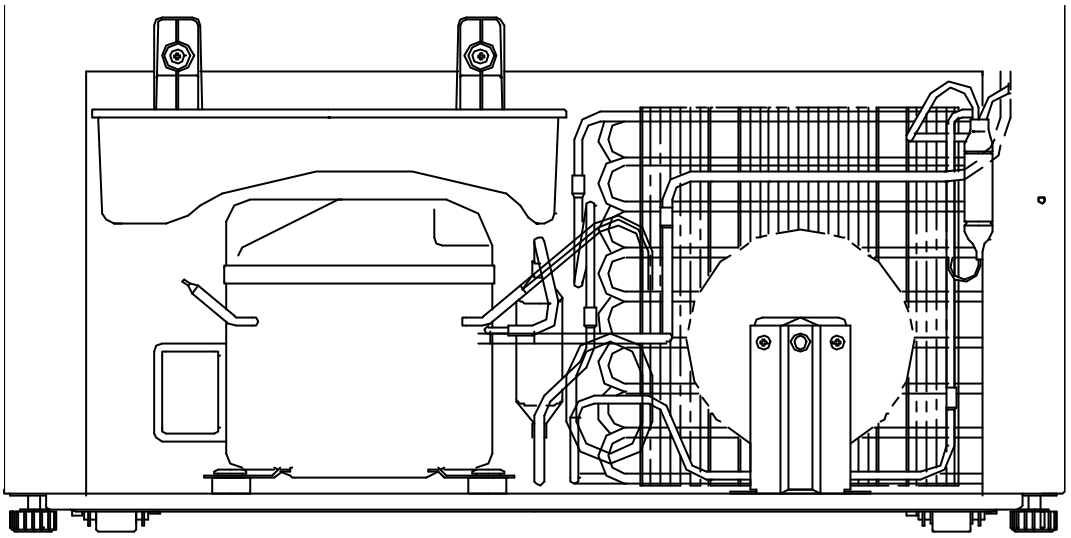
- This knob is used to kontrol the temperature of the freezer and refrigerator automatically. It can be set to any value between the min and max positions.
- 0 position indicates that the thermostat is off and so in this position no cooling is done.
- By turning the knob from min to max you can increase the cooling degree.
- The refrigerator is designed to get optimum perforformance when the thermostat knob is set in the middle position (between min and max).



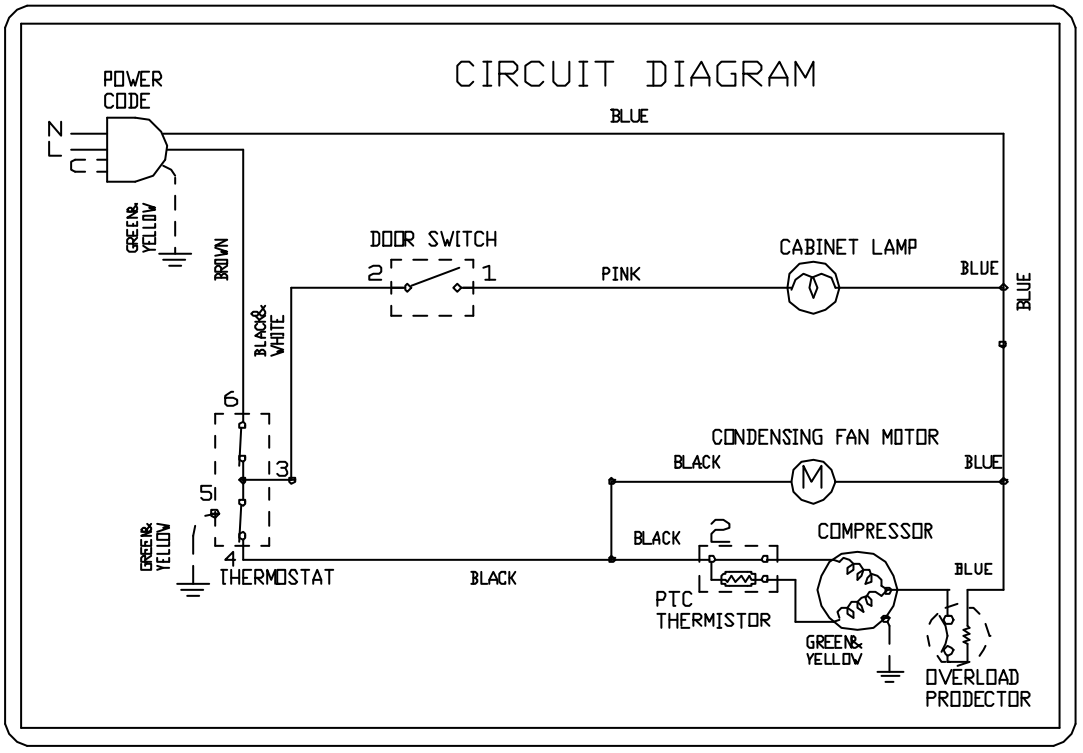

F EVAPOTATOR
HOT PIPE
DRYER
R EVAPOTATOR
CONDENSER
CAPILLLARY
COMPRESSOR
SUCTION PIPE

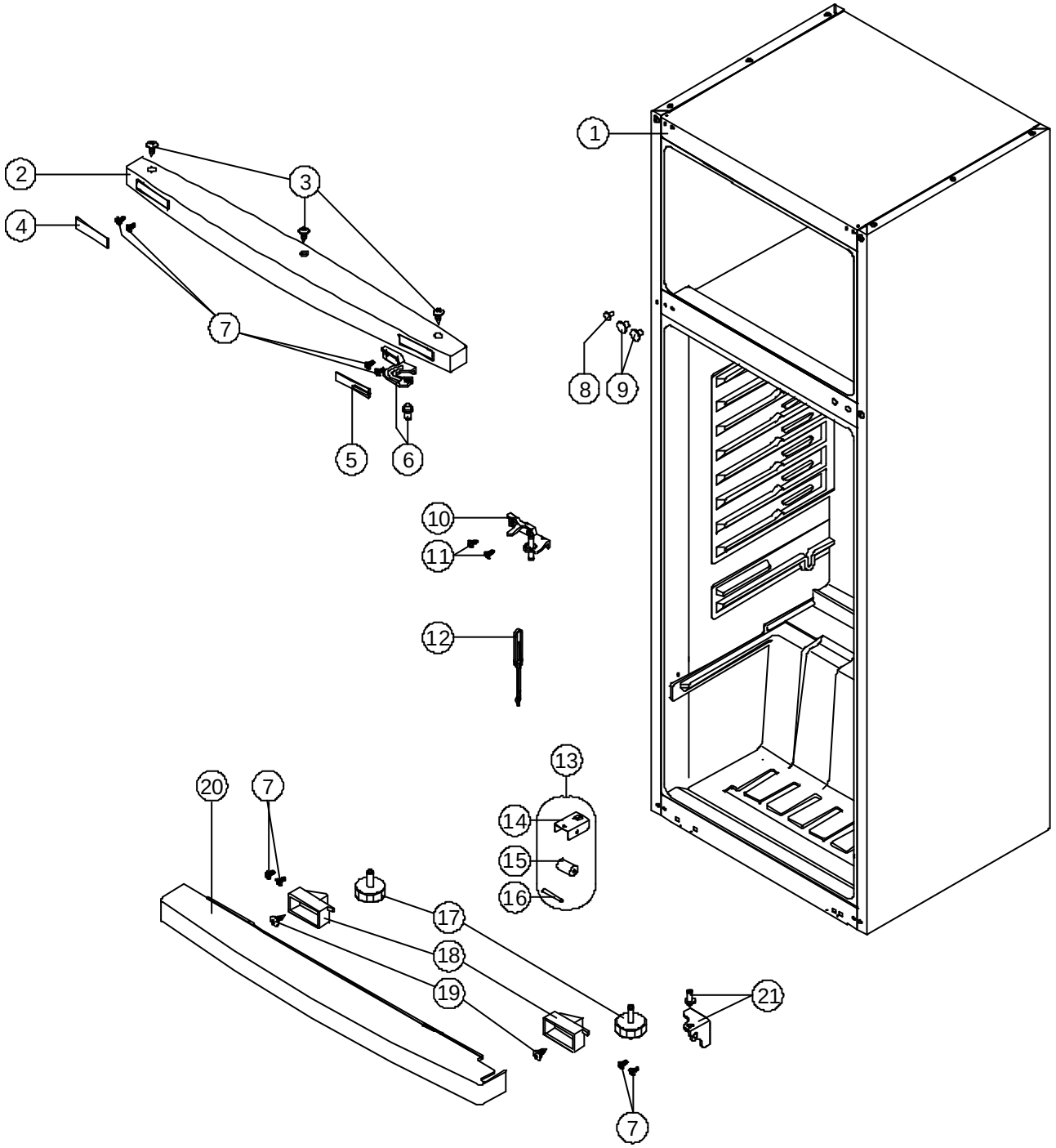

COMPRESSER
HOT PIPE
CONDENSER
DRYER
CAPILLARY
F EVAPORATOR
R EVAPORATOR
SUCTION PIPE

MACHINE ROOM VIEW



CIRCUIT DIAGRAM

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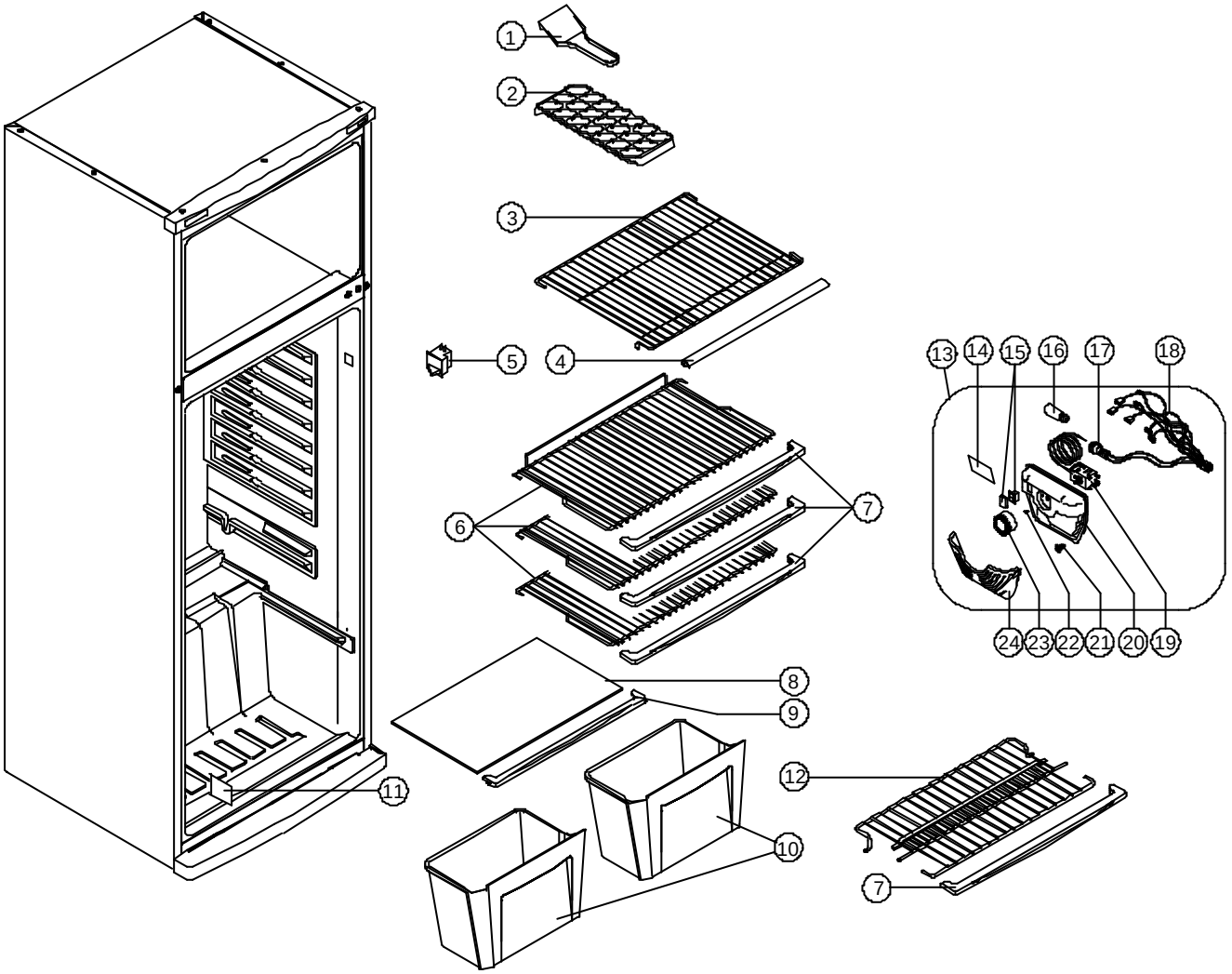
NO	CODE	PARTS NAME	BDP 444
1	20034036	ASSY URT CAB/455N	1
2	40007004	HEAD PANEL ASSY./455	1
3	35000743	SCREW DYED 4.2*9.5 DIN 7981 YSB	3
4	40002258	HEAD PANEL CAP LEFT	1
5	40002257	HEAD PANEL CAP RIGHT	1
6	35004874	TOP HINGE DYED/345P (PÇ.6,9)	1
7	35000714	SCREW M5*14 WN 1342-H EJOT	8
8	40004842	CAP SMALL	1
9	40004843	CAP BIG	2
10	35004873	MIDDLE HINGE/345 (PÇ.6,9)	1
11	35001709	SCREW M5*14 WN 1342-H EJOT DYED	2
12	40002216	TUNNEL DRAIN PLUG	1
13	35003056	FRONT WHEEL GR.	2
14	35000732	FRONT WHEEL HOLDER	2
15	40002217	WHEEL	2
16	35000733	FRONT WHEEL PIN	2
17	45000563	STATIONARY FOOT	2
18	40002262	KICK PLATE HOLDER	2
19	35000707	SCREW 3.5*13 DIN 7981 YSB	2
20	40002261	KICK PLATE/455P	1
21	35004872	BOTTOM HINGE/345 (PÇ.6,9)	1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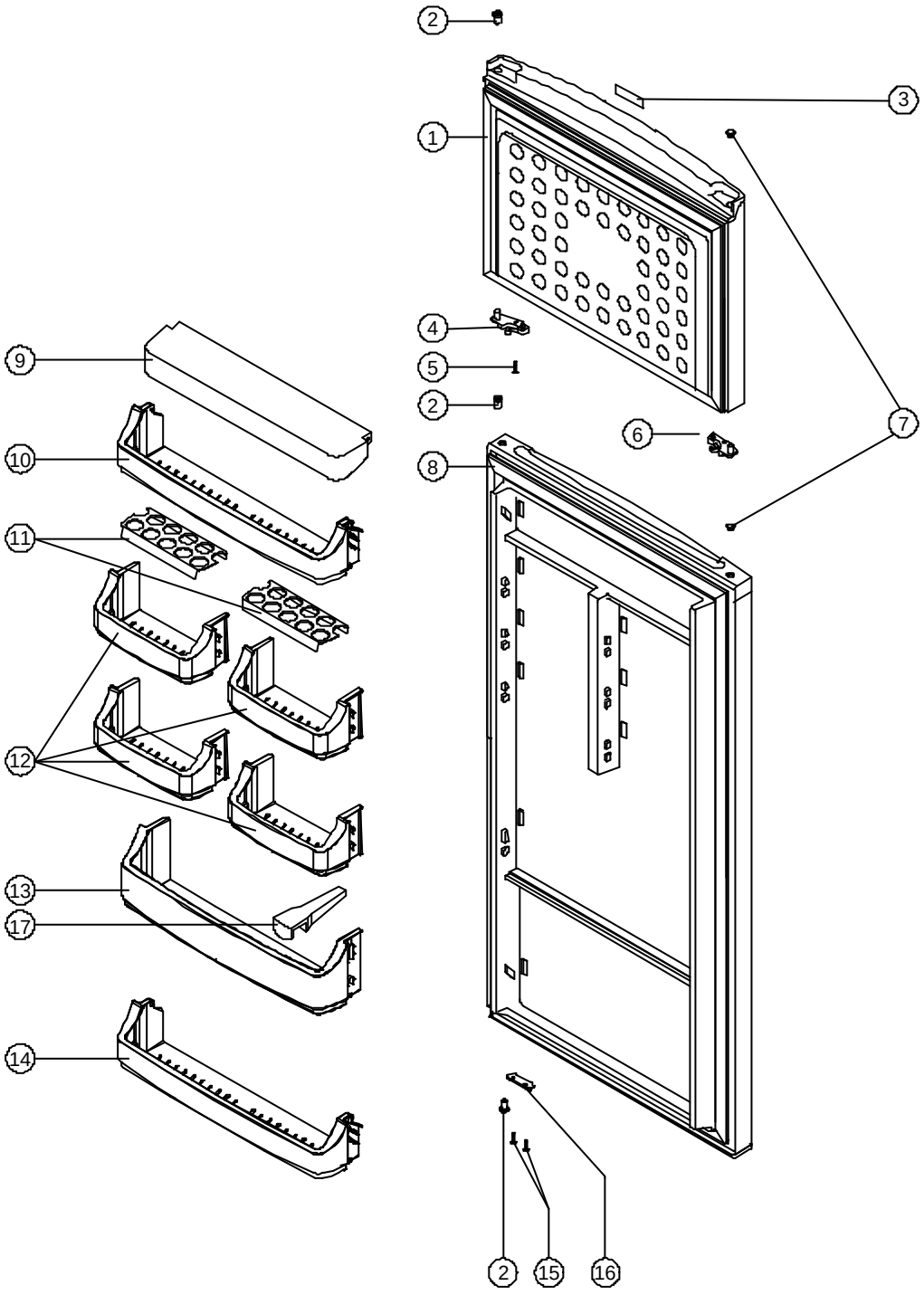
NO	CODE	PARTS NAME	BDP 444
1	40002276	ICE SCRAPER	1
2	40002236	ICE TRAY	2
3	45000567	F COMPARTMENT SHELF/455	1
4	40002274	SHELF TRIM F/455	1
5	30007915	DOOR LAMP SWITCH	1
6	45000566	R COMPARTMENT SHELF/455	3
7	40002205	SHELF TRIM R/455	4
8	45000561	CRISPER COVER SRGF/455	1
9	40002275	CRISPER COVER TRIM/455	1
10	40003569	CRISPER SRGF/455	2
11	20101774	NAME PLATE/455N BLUESKY-ISP.(BDP444)	1
12	45000565	MAGIC SHELF/455	1
13	30010187	THERMOSTAT BOX GR./455N	1
14	45000560	HEAT REFLECTOR FOIL	1
15	40003654	PLUG THERMOSTAT BOX	1
16	30007906	LAMP	1
17	30007907	LAMP HOLDER	1
18	30010188	WIRING ASSY./THERM./345N	1
19	30007921	THERMOSTAT(DNFS077B6575)	1
20	40002254	THERMOSTAT BOX/345	1
21	35000743	SCREW 4.2*9.5 DIN 7981 YSB	1
22	35000730	THERMOSTAT KNOB SPRING	1
23	40002300	THERMOSTAT KNOB SRGF / 345	1
24	40002255	LAMP COVER	1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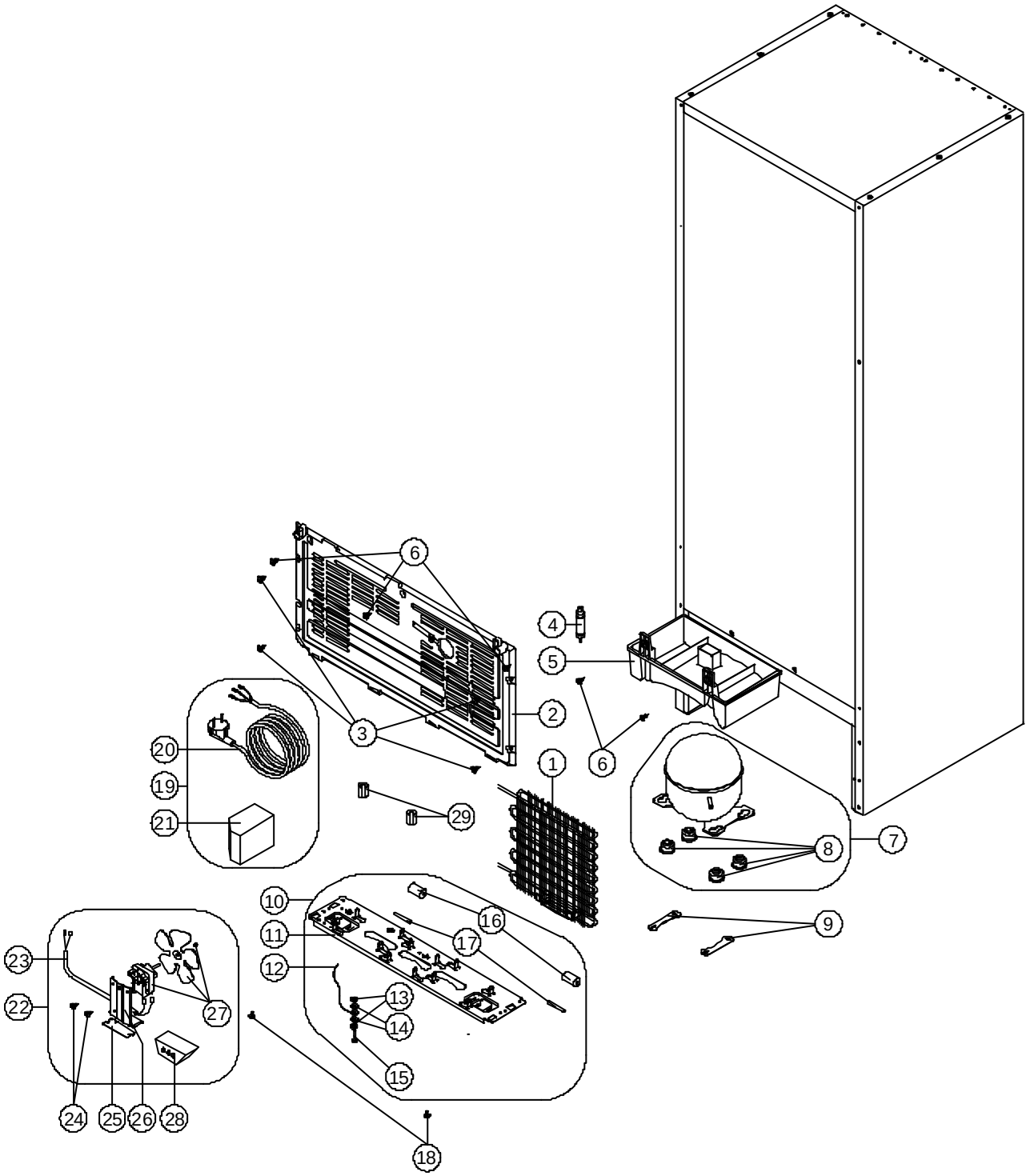
NO	CODE	PARTS NAME	BDP 444
1	20031070	F DOOR ASSY./455V SRGF	1
2	40002242	BUSHING/345P	3
3	45001868	LOGO BLUESKY	1
4	40002241	CATCHER RIGHT/P	1
5	35000711	SCREW KA 35*12 WN 1412 EJOT	1
6	40003442	CATCHER LEFT/P	1
7	40002243	BUSHING CAP	2
8	20031072	R DOOR ASSY./455V	1
9	20048146	SHELF COVER/455 (BLUE)	1
10	40003572	SHELF/BUTTER SRGF/455	1
11	40007082	EGG HOLDER(I+II)455	1
12	40003563	EGG SHELF SRGF/455	4
13	40003564	BOTTLE SHELF SRGF/455	1
14	40003573	BOTTOM SHELF SRGF/455	1
15	35000714	SCREW M5*14 WN 1342-H EJOT	2
16	35000712	R DOOR STOPPER	1
17	40002267	BOTTLE HOLDER	1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NO	CODE	PARTS NAME	BDP 444
1	35000751	MAIN CONDANSER/455	1
2	40002263	UNIT COVER	1
3	35000728	SCREW KA 50*14 WN 1412 EJOT	4
4	35001697	DRYER(XH9,10GR)	1
5	40009952	EVAPORATING TRAY/345	1
6	35000743	SCREW 4.2*9.5 DIN 7981 YSB	5
7	30015252	COMPRESSOR (NLE9F)	1
8	40007341	COMP.RUBBER	4
9	20020023	COMP FIXING BRACKET	2
10	20020050	COMP.BASEMENT GROUP/455	1
11	20020020	COMP BASEMENT/455	1
12	30007904	GROUNDING WIRE	1
13	35000721	NUT M4*3.2 DIN 934 ZNK	2
14	35000722	WASHER 4.3*8*0.9 DIN 6798 ZNK	2
15	35000723	SCREW M4*16 DIN 933 ZNK	1
16	40002217	WHEEL	2
17	35000738	REAR WHEEL PIN	2
18	35000728	SCREW KA 50*14 WN 1412 EJOT	2
19	30015254	POWER CORD GR.NLE9F/425-455	1
20	30007911	POWER CORD(2.1m)	1
21	30015253	OVER LOAD RELAY GR.NLE9F/425-455	1
22	20020051	FAN MOTOR GR./455	1
23	30007905	WIRING HARNESS/FAN MOTOR/455	1
24	35002921	SCREW M4*10 DIN 7985 YSB	2
25	40002214	FAN BRACKET RUBBER	1
26	35000725	FAN MOTOR BRACKET	1
27	30007901	FAN MOTOR ASSY./455	1
28	40009896	COVER FAN MOTOR (PP-FR)	1
29	40002210	ANTI - VIBRATION COND.	2
	50018854	USER'S MANUAL/CK.ISP+PORT.	1
	20100690	PACKAGE GR/455	1
	50019384	STRAFOR BOTTOM/455 (CARTOON)	1
	50019300	STRAFOR BACK CORNER/455 (CARTOON)	2
	50019299	STRAFOR FRONT CORNER/455 (CARTOON)	2
	50019386	STRAFOR UPPER/455 (CARTOON)	1
	50010039	CIRCUIT DIAGRAM/455N ENG.	1
	50028376	PACKAGE LABEL/455V(N) BLUESKY-ISP.(BDP444)	2
	50028377	ENERGY PLATE STICKER/455V(N)BLUESKY(BDP444)	1
	50026046	WARRANTY LABEL/BLUESKY-ISP+PORT	1

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